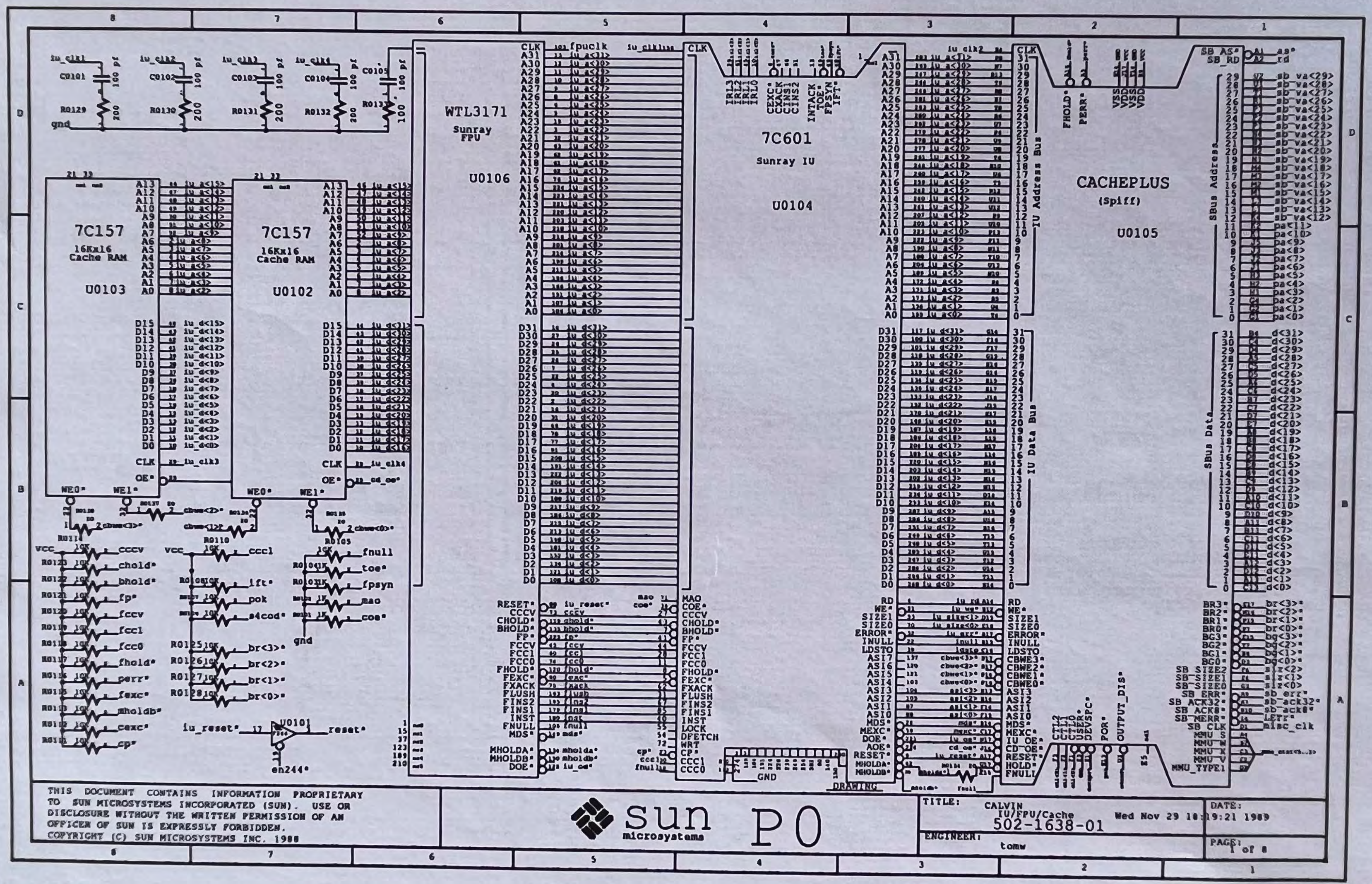

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P0

TITLE: CALVIN
IU/FPU/Cache
502-1638-01

DATE: Wed Nov 29 18:19:21 1989

ENGINEER: tomw

PAGE: 1 of 8

SEGMENT MAP

PAGE MAP

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TITLE:	CALVIN MMU and Clock logic
DATE:	Tue Dec 5 11:39:19 1989
ENGINEER:	tomw
PAGE:	2 of 8
DRAWING	

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TITLE: CALVIN DRAM

ENGINEER: tw

PAGE: 3 of 8

DATE: Nov 29 18:19:56 1989

DRAMING

RAMPLUS

RAMMODULE

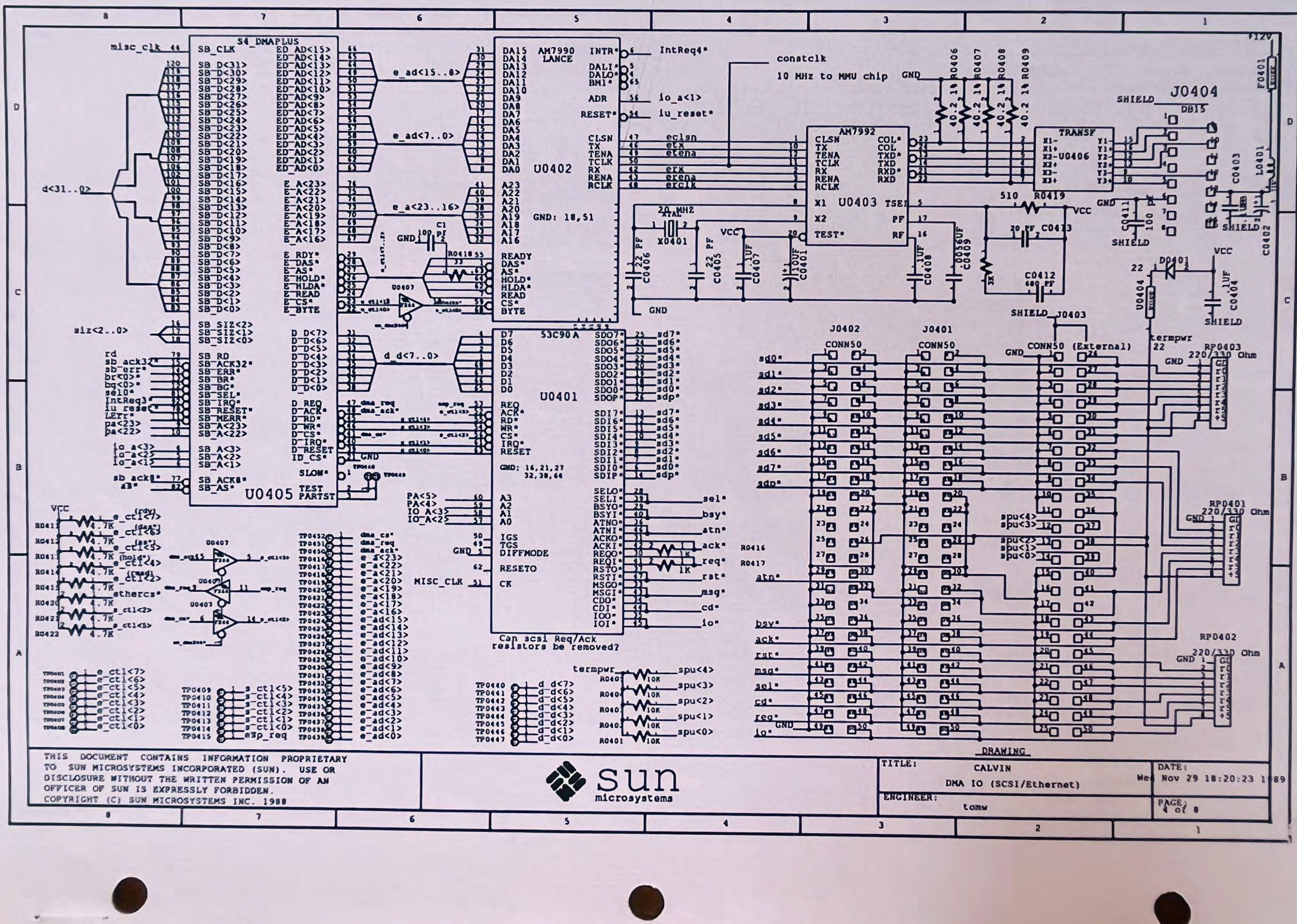
UO307 UO308 UO309 UO310 UO311 UO312

UO313 UO314 UO315 UO316 UO317 UO318 UO319 UO320 UO321 UO322

UO303 UO304 UO305 UO306

UO323

RAM CLK1



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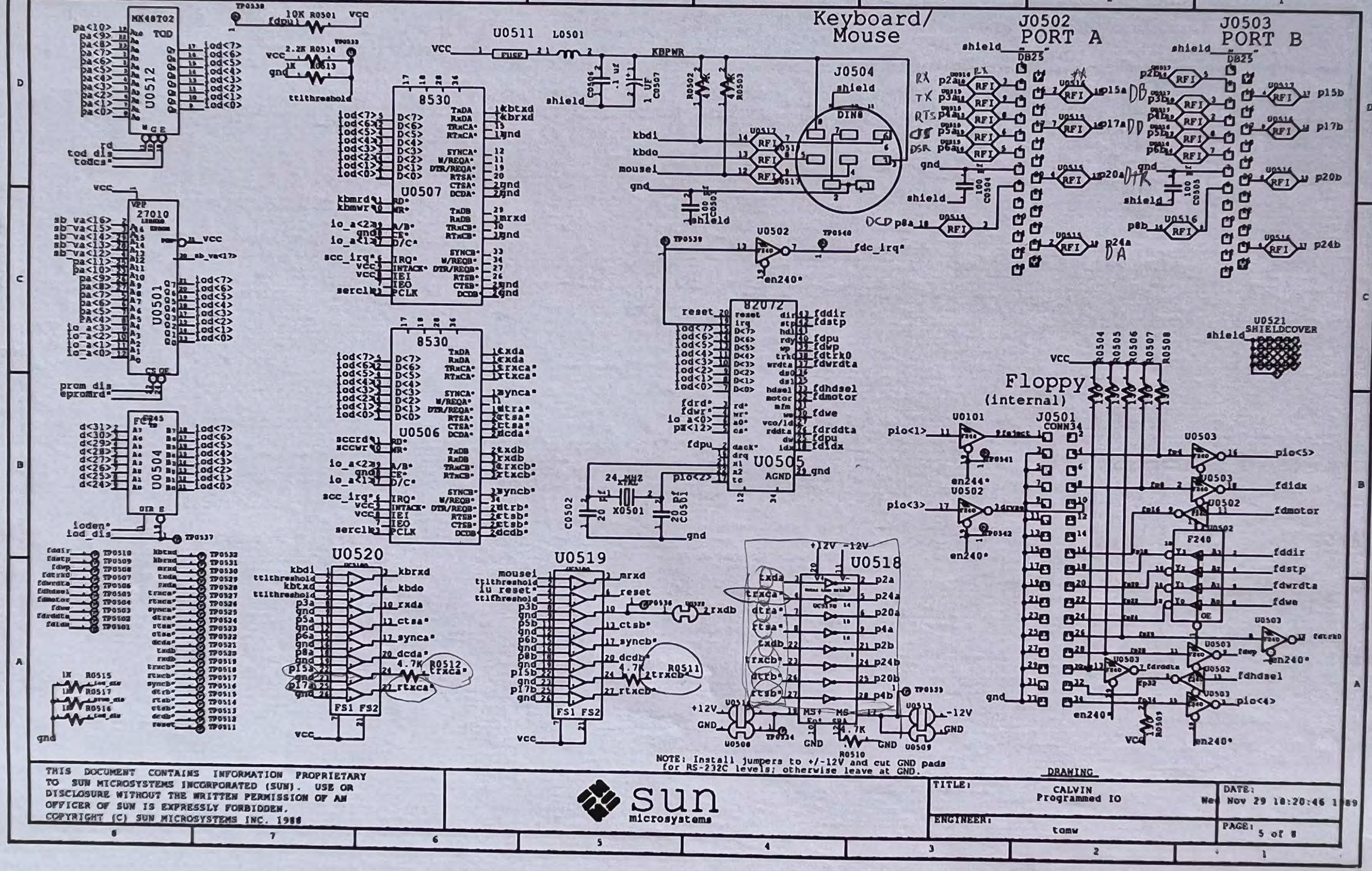
TITLE: CALVIN
DMA IO (SCSI/Ethernet)

DATE: Wed Nov 29 18:20:23 1989

ENGINEER: tomw

PAGE: 4 of 8



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DRAWING

TITLE:	CALVIN Programmed IO
DATE:	Wed Nov 29 18:20:46 1989
ENGINEER:	tomw
PAGE:	5 of 8

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TITLE:	CALVIN
	audio
ENGINEER:	tomw
DATE:	Wed Nov 29 18:20:56 1989
DRAWING	PAGE: 8 of 8

Hypothetical ISDN Interface
Expansion Connector

J0601

U0101 F244

U0602 LF412

U0605

U0606

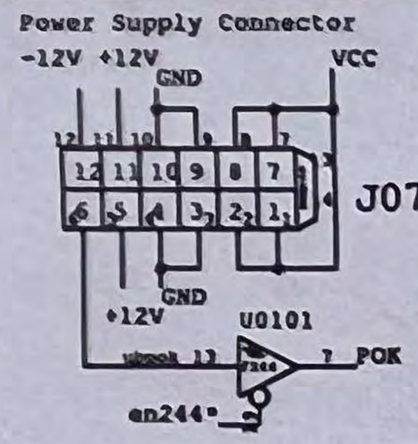
U0603

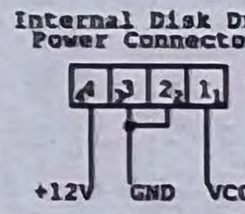
U0604

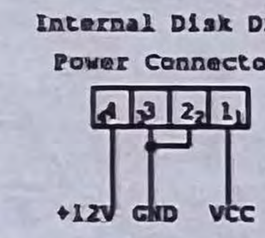
X0601 12.288 MHz

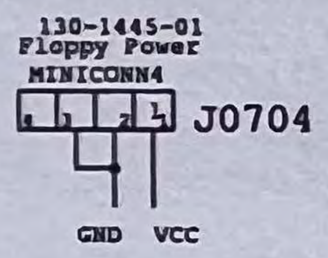
U0503

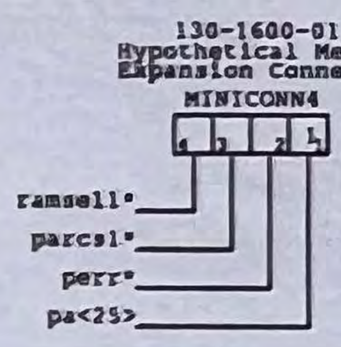
U0601 79C30

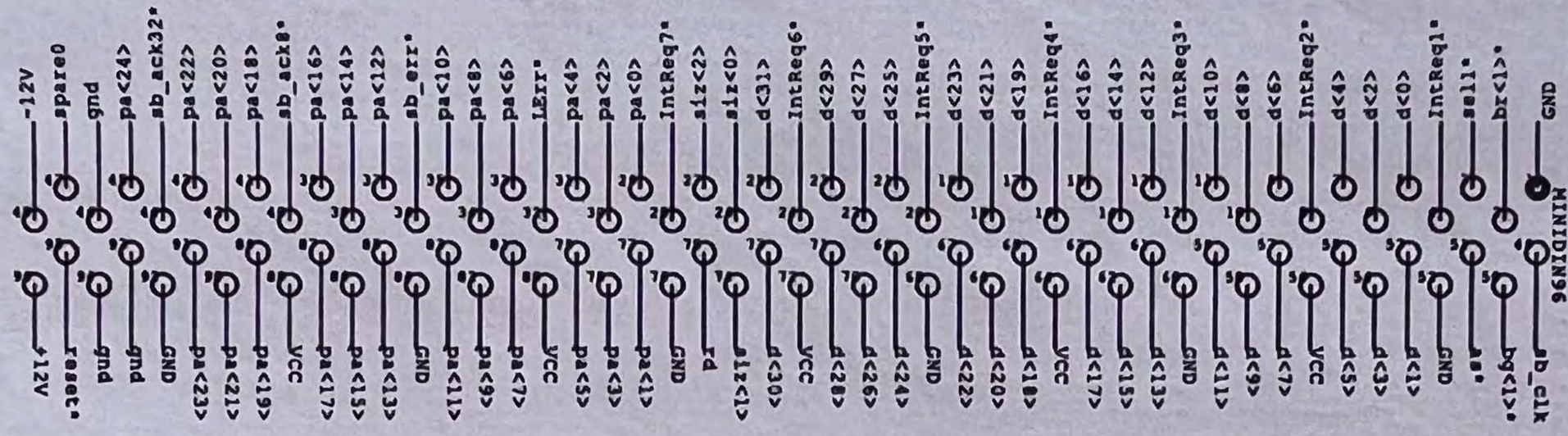


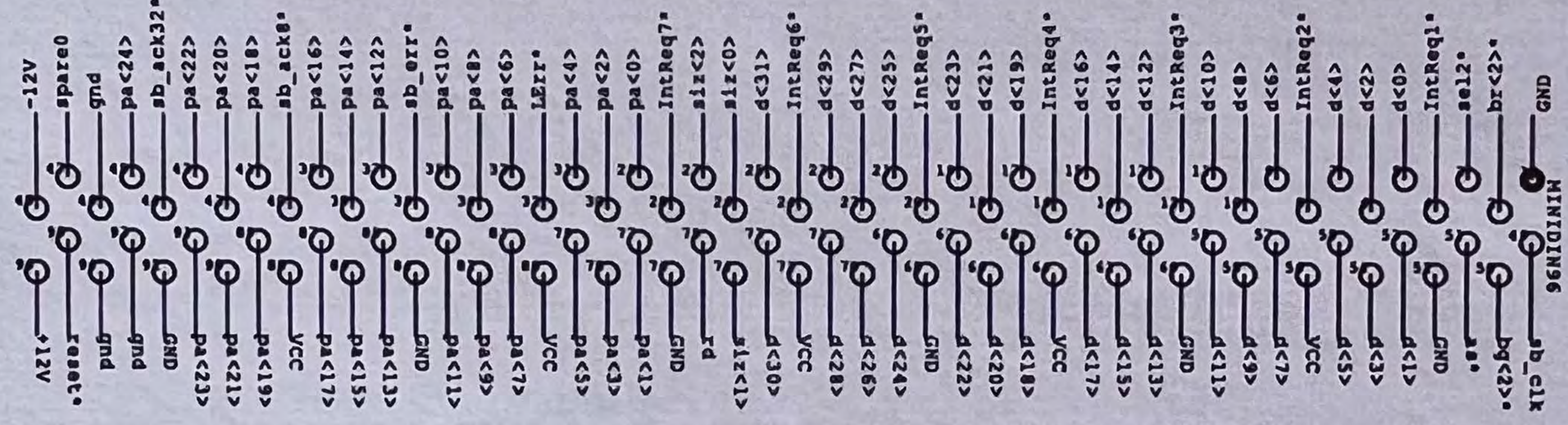


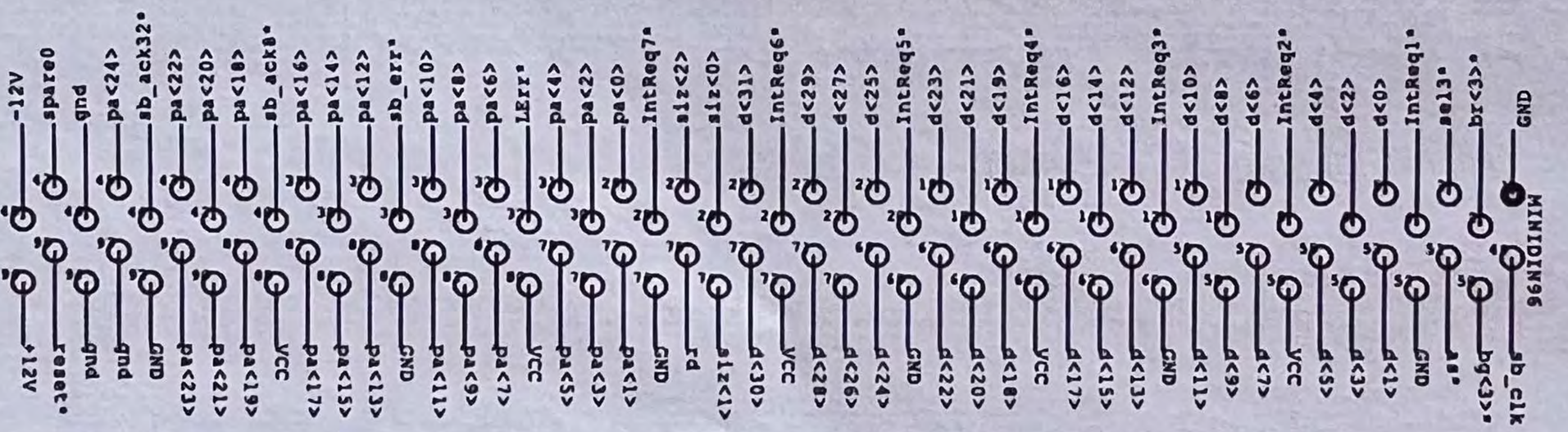


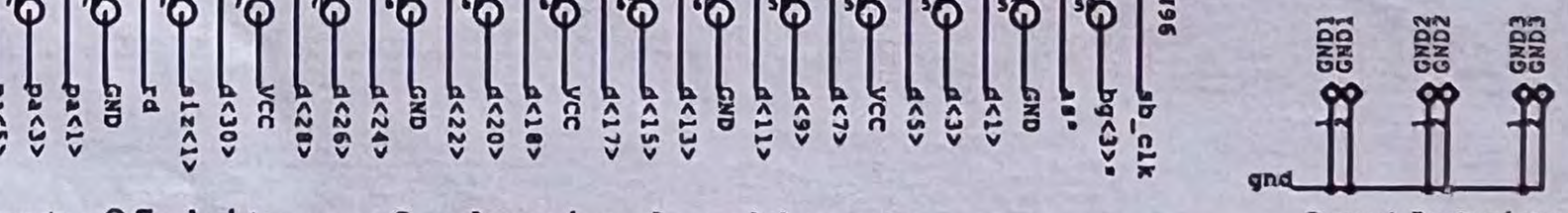












Note: SBus Connectors only get 25 bits of physical address.
(Pins for pa<27..25> are grounded.)

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DRAWING

TITLE: CALVIN
Power and SBus Connectors

DATE: Wed Nov 29 18:21:06 1989

ENGINEER: tomw

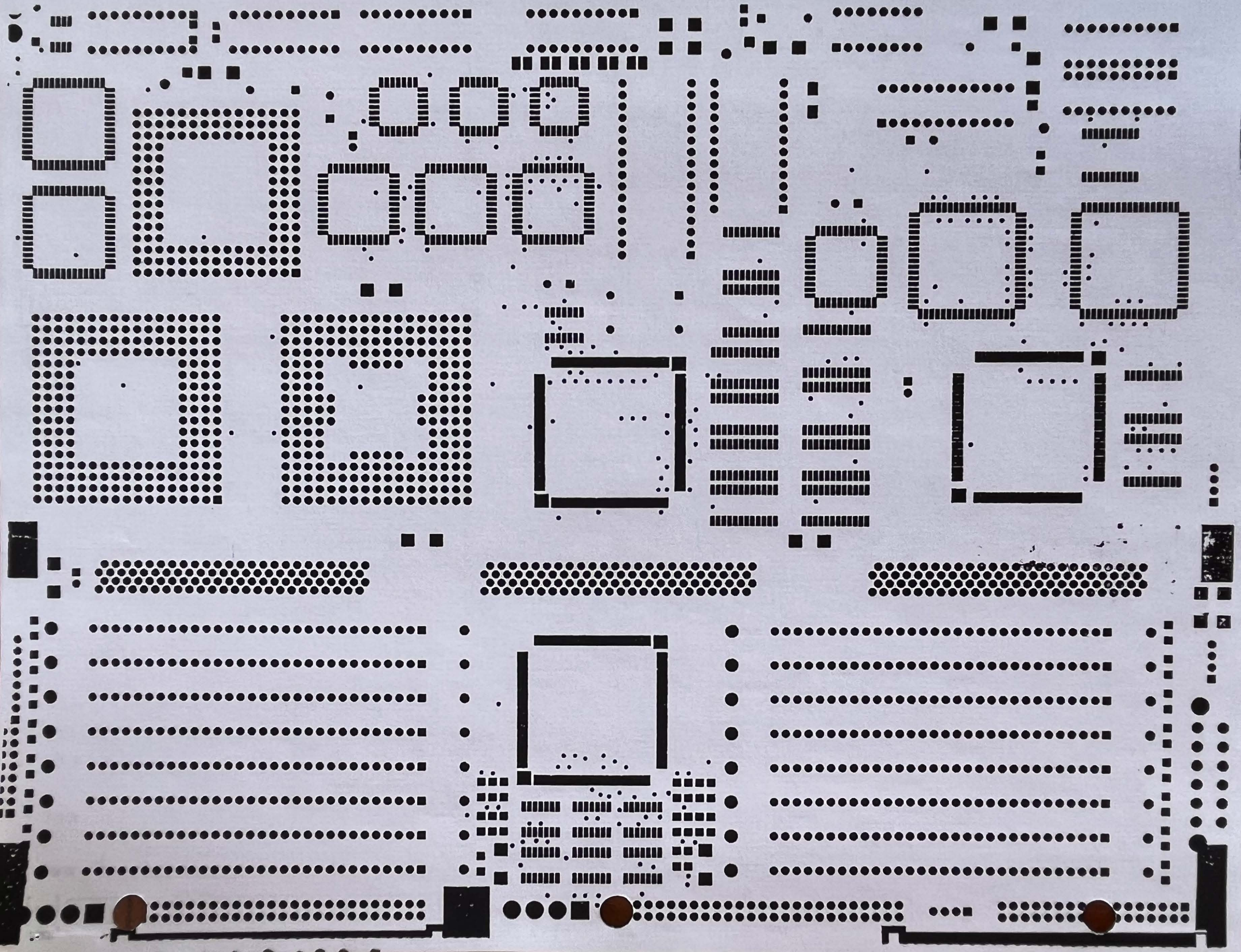
PAGE: 7 of 8

CONCISE PART LIST - 1 22-Nov-1989 13:27:47.00

27010-1	100-1620-01	1
53C90-1	100-2486-01	1
71258-1	100-2679-01	2
74AS1004-1	100-1524-01	6
74F00-1	100-2543-01	1
74F240-1	100-2349-01	2
74F244-1	100-2350-01	2
74F245-1	100-2443-01	1
79C30-1	100-1964-01	1
7C157-1	100-2678-01	2
7C166-1	100-2662-01	6
7C601-1	100-2676-01	1
82072-1	100-1840-01	1
8530-1	100-1821-01	2
AM7990-1	100-1822-01	1
AM7992-1	100-1279-01	1
CACHEPLUS-1	100-2677-01	1
CAPACITOR-10	110-1303-01	2
CAPACITOR-11	110-1273-01	6
CAPACITOR-12	110-1398-01	1
CAPACITOR-13	110-1335-01	1
CAPACITOR-14	110-1256-01	1
CAPACITOR-15	110-?33UF-01	9
CAPACITOR-16	110-1194-01	2
CAPACITOR-2	110-1193-01	11
CAPACITOR-3	110-NOT-STUFFED-01	1
CAPACITOR-4	110-1251-01	6
CAPACITOR-5	110-1266-01	1
CAPACITOR-6	110-1273-01	71
CAPACITOR-7	110-1190-01	2
CAPACITOR-8	110-1254-01	1
CAPACITOR-9	110-1259-01	1
CLOSEDSPLIT-1		3
CONN12MTG-1	130-?CONN12?-01	1
CONN34-1	130-1426-01	1
CONN4-1	130-1428-01	2
CONN50-1	130-1301-01	2
CONN50EXT-1	130-1431-01	1
DB15-1	130-1441-01	1
DB25-1	130-1442-01	2
DIN8-1	130-1429-01	2
DIODE-1	160-1051-01	1
EDGE50-1	NOT STUFFED	2
FUSE-1	UNKNOWN(NEW)	3
INDUCTOR-1	150-1234-01	2
LF412-1	100-2291-01	1
MINICONN4-1		3
MINIDIN96-1	130-1488-02	3
MK48T02-1	100-1573-01	1
MMUPLUS-1	100-2673-01	1
OPENSPLIT-1		2
OSCILLATOR-1	150-1297-01	1
RAMMODULE-1		16
RAMPLUS-1	100-2675-01	1
RESISTOR-10	120-1787-01	26
RESISTOR-11	120-1790-01	4
RESISTOR-12	120-1786-01	1
RESISTOR-13	120-1793-01	2
RESISTOR-14	120-1757-01	6
RESISTOR-15	120-1860-01	1
RESISTOR-16	120-1939-01	1
RESISTOR-17	120-1889-01	1
RESISTOR-18	120-1890-01	2
RESISTOR-19	120-1675-01	1
RESISTOR-2	120-1801-01	2

RESISTOR-3	120-1948-01	4
RESISTOR-4	120-?20?-01	40
RESISTOR-5	120-1660-01	20
RESISTOR-6	120-1789-01	40
RESISTOR-7	120-1796-01	1
RESISTOR-8	120-1799-01	5
RESISTOR-9	120-2003-01	1
RF2		1
RFI-1	150-1369-01	3
RTERM-1	120-1608-01	3
S4DMA-1	100-2674-01	1
SHIELDCOVER-1		1
SPARE-1	NOT STUFFED	2
TESTPT-1	NOT STUFFED	3
TP-1	NOT STUFFED	180
TRANSF-1	150-1139-01	1
UC5170-1	100-1823-01	1
UC5180-1	100-1824-01	2
WTL3171-1	100-2680-01	1
XTAL-2	150-1287-01	1
XTAL-3	150-1288-01	1
XTAL-4	150-1289-01	1
XTAL-5	150-1362-01	1
Total		561

END CONCISE PART LIST



J0702

J0703

SBUS SLOT 1

SBUS SLOT 2

SBUS SLOT 3

RAMPLUS-1

U0323

R0315 R0314 R0313 R0312 R0309 R0301 R0310

U0318 U0314 U0310 U0309 U0310 U0313 U0312 U0311

C0802

C0803

U0210

U0105

U0104

7C601-1

CACHEPLUS-1

MAUPLUS-1

SADDR-1

74F240-1

74F240-1

7C168-1

71256-1

71256-1

74F244-1

74F245-1

74F244-1

74F00-1

OSCILLATOR-1

53C90-1

AM7990-1

82072-1

8530-1

8530-1

79C30-1

WTL3171-1

7C157-1

7C157-1

UC5170-1

UC5180-1

UC5180-1

U0404

AM7992-1

SPARE-1

SPARE-1

MK48T02-1

27010-1

F040

TRANSF-1

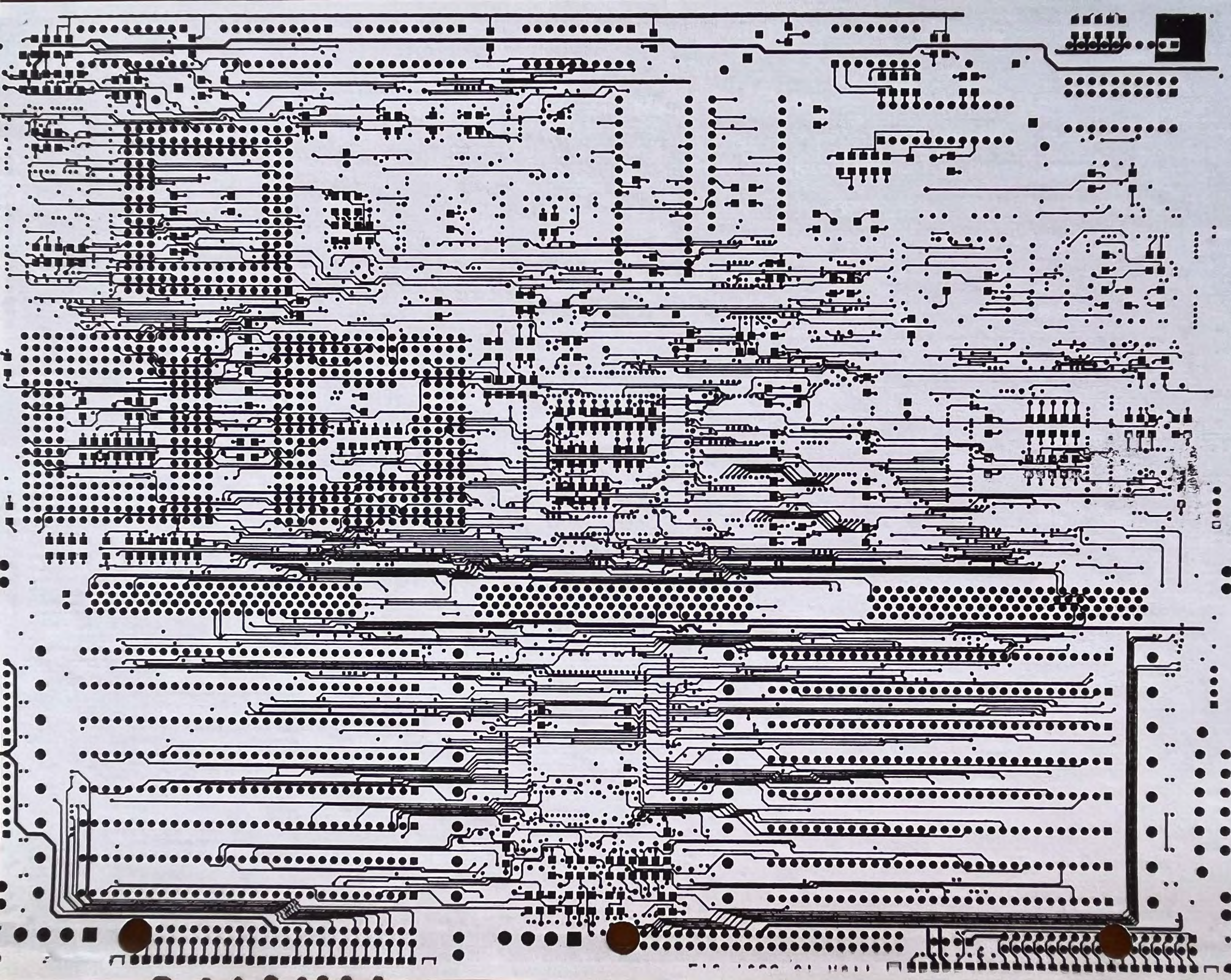
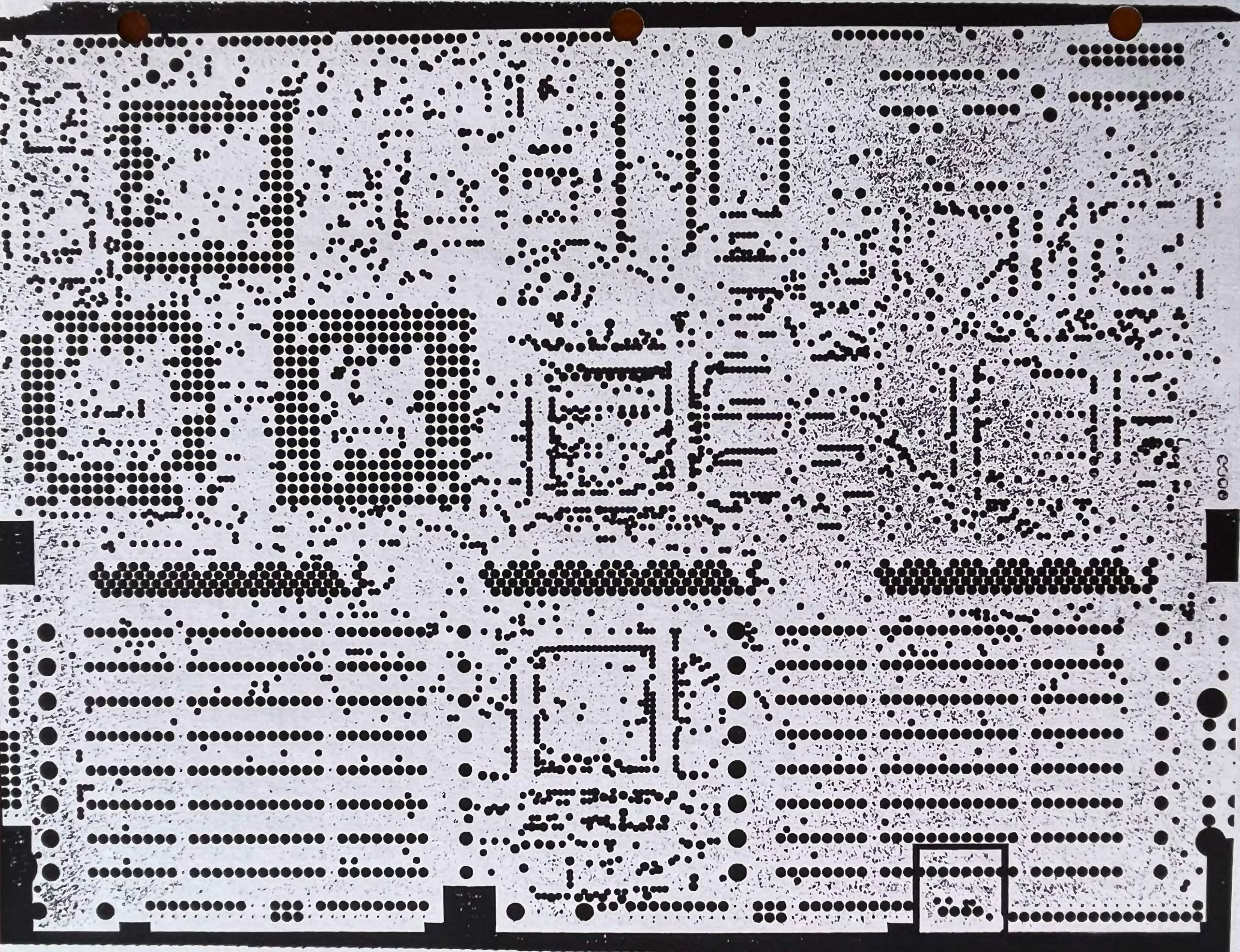
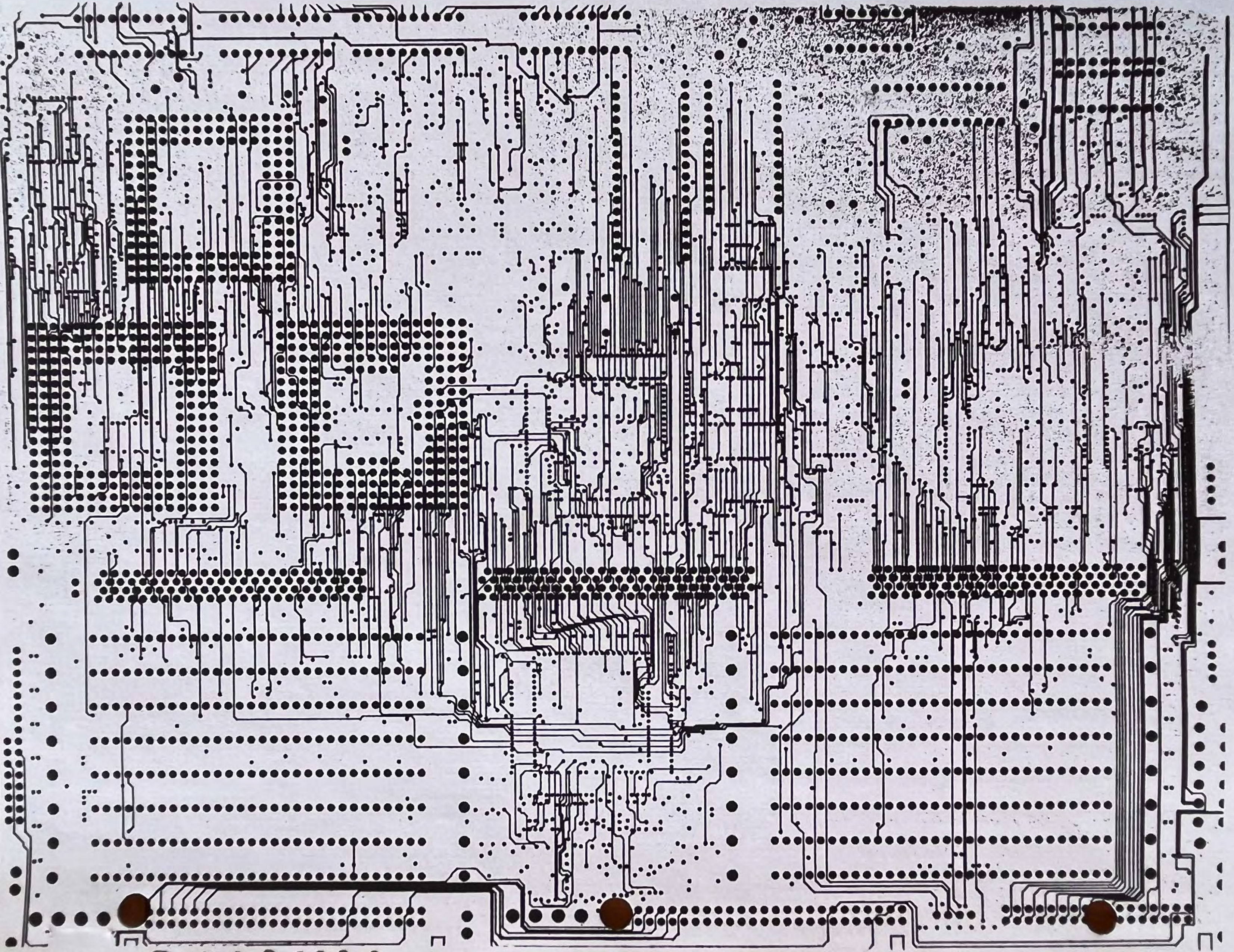
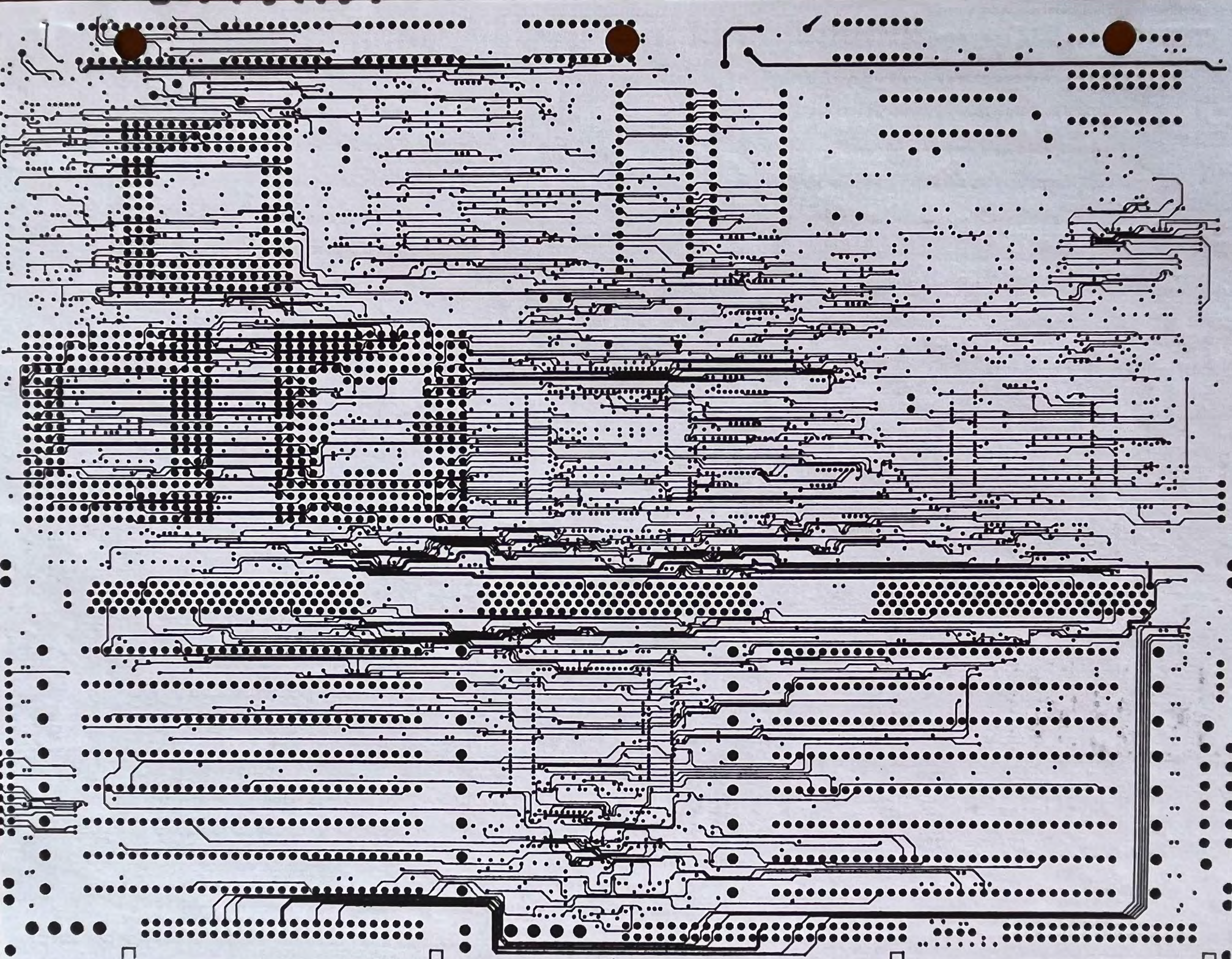
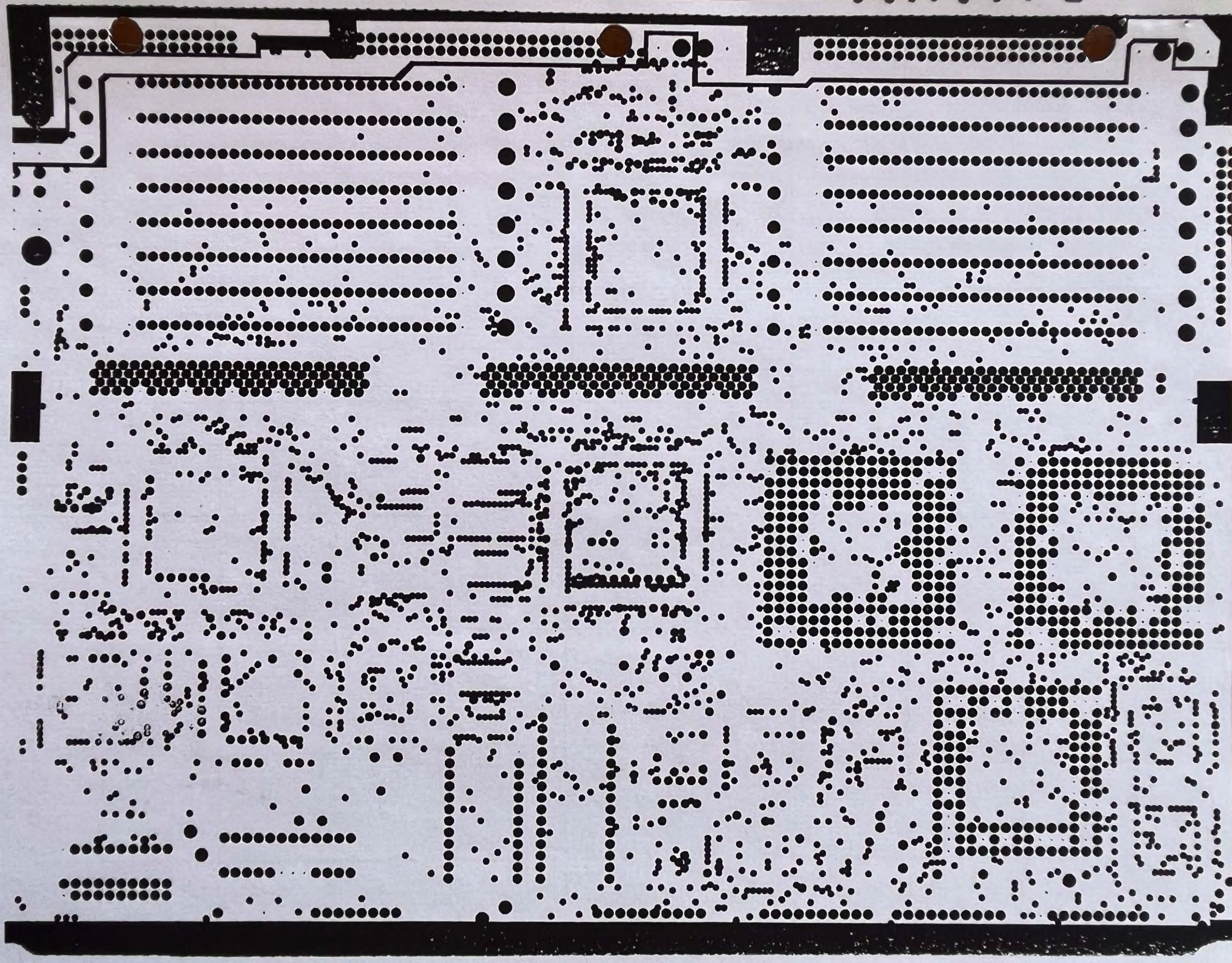
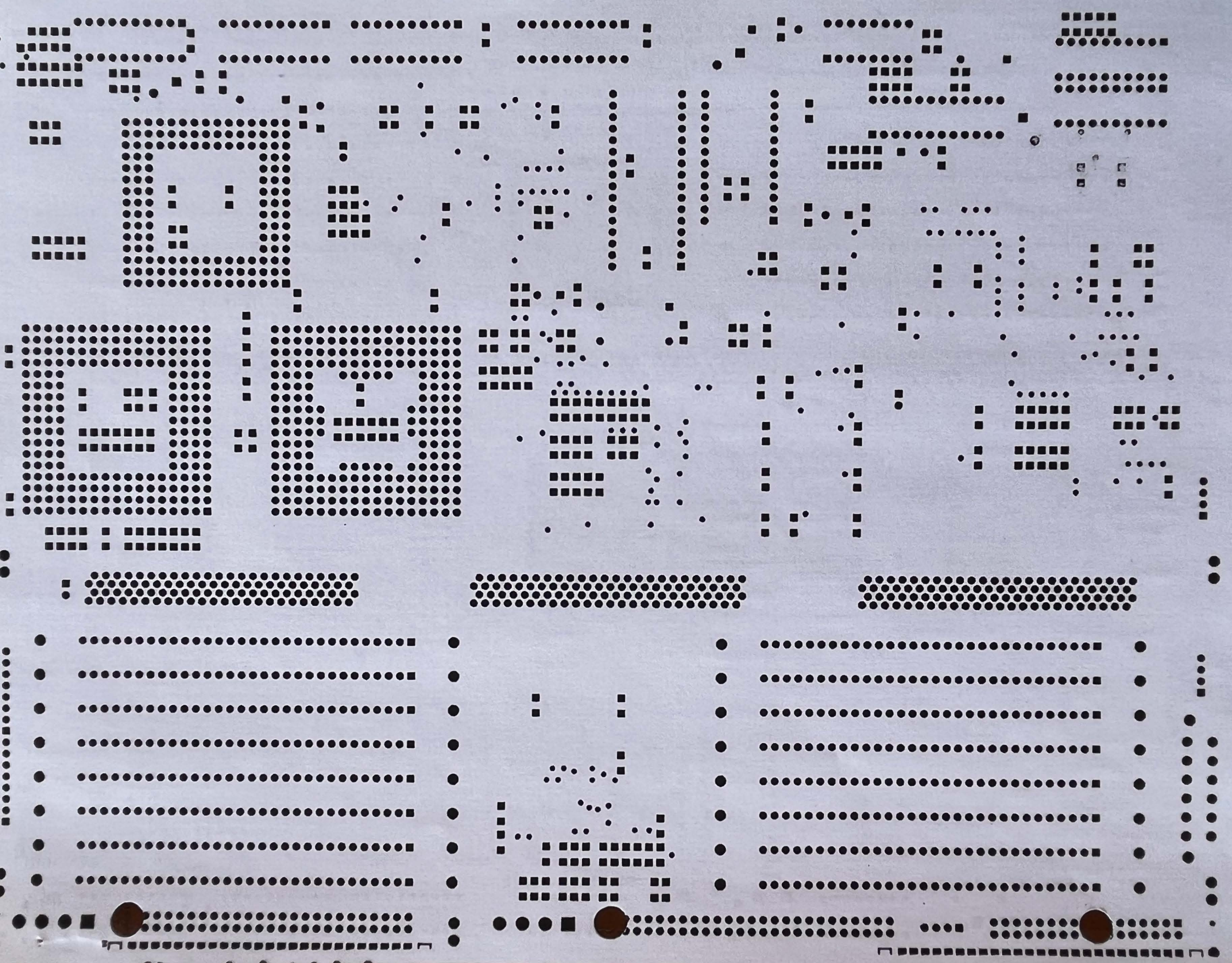
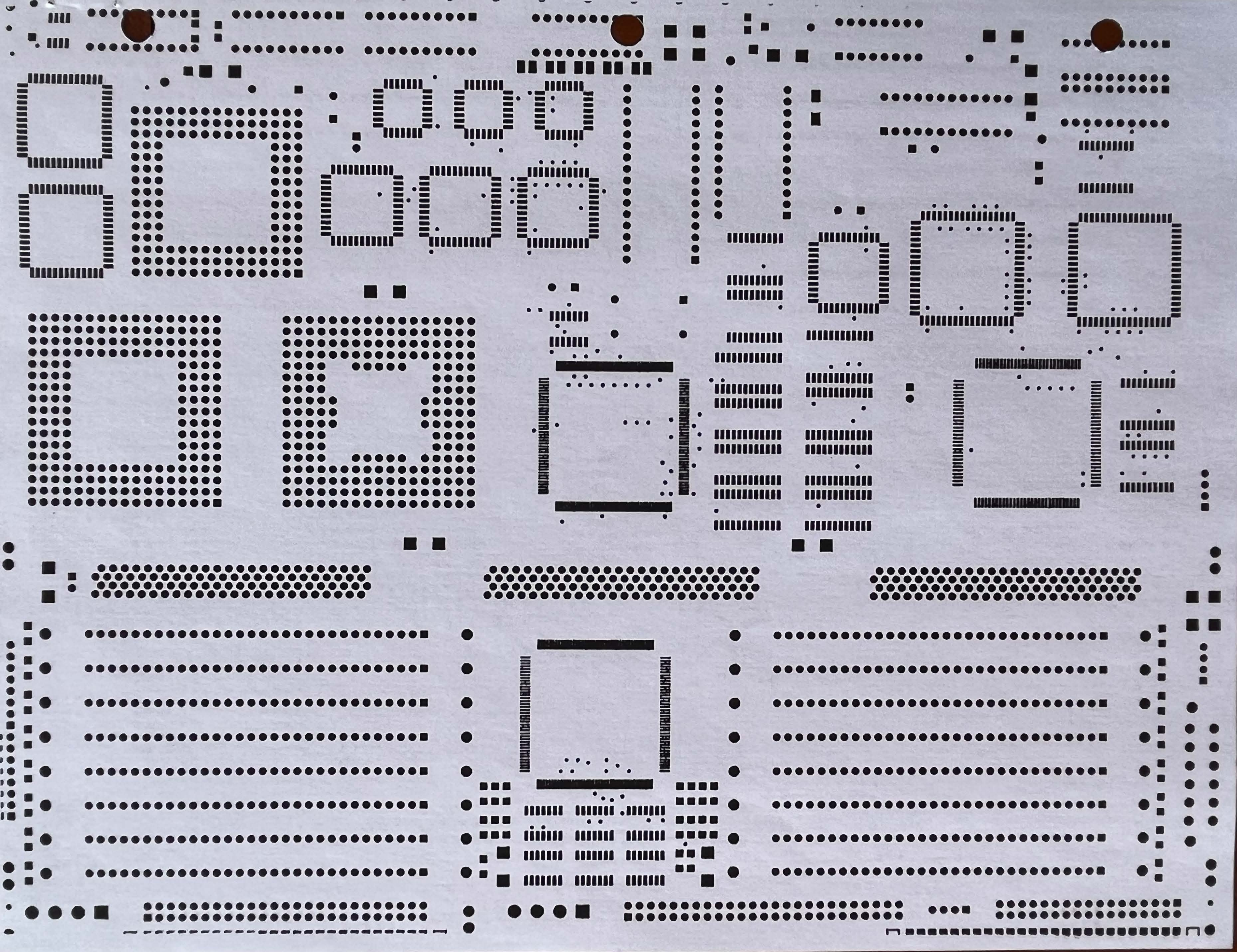
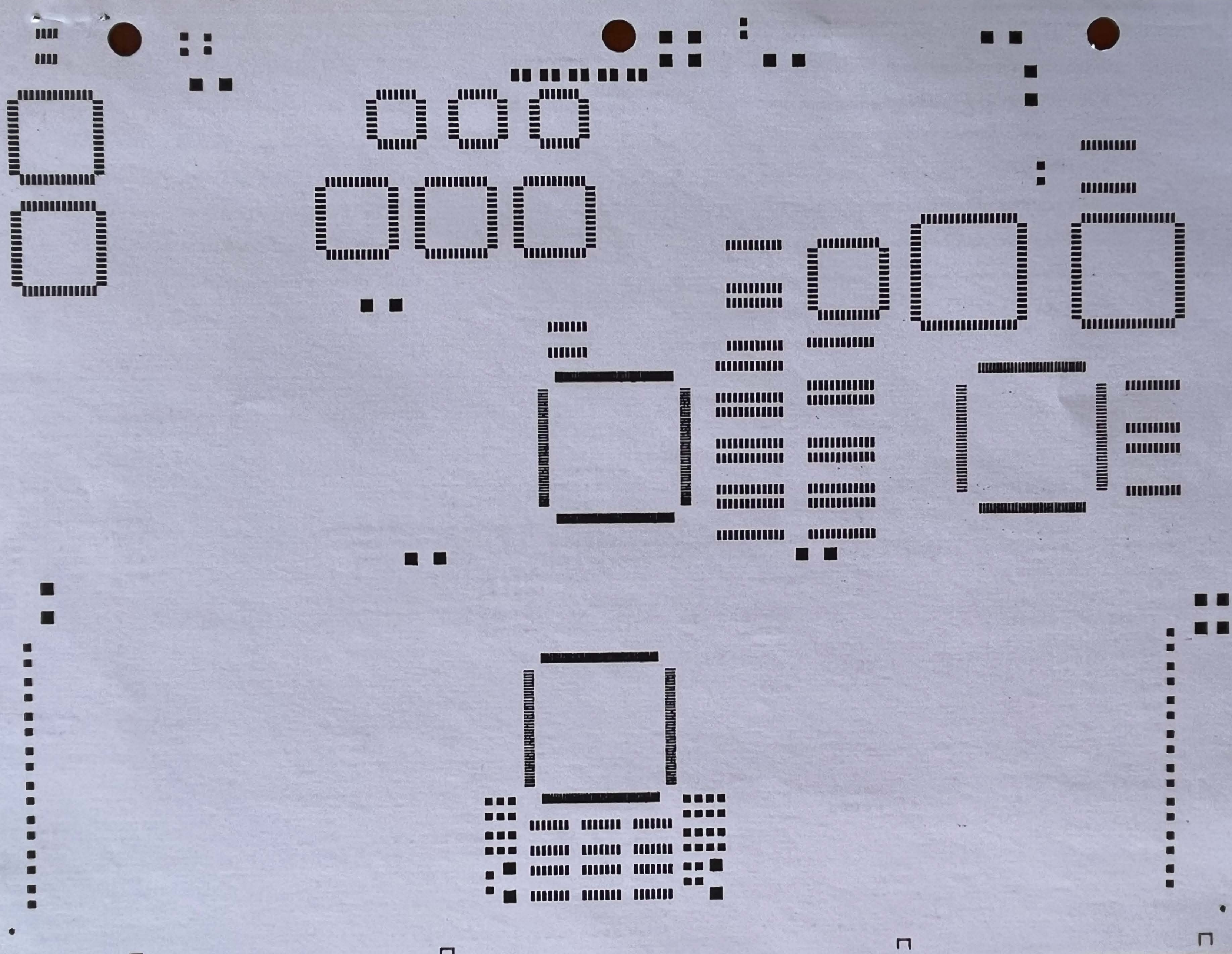
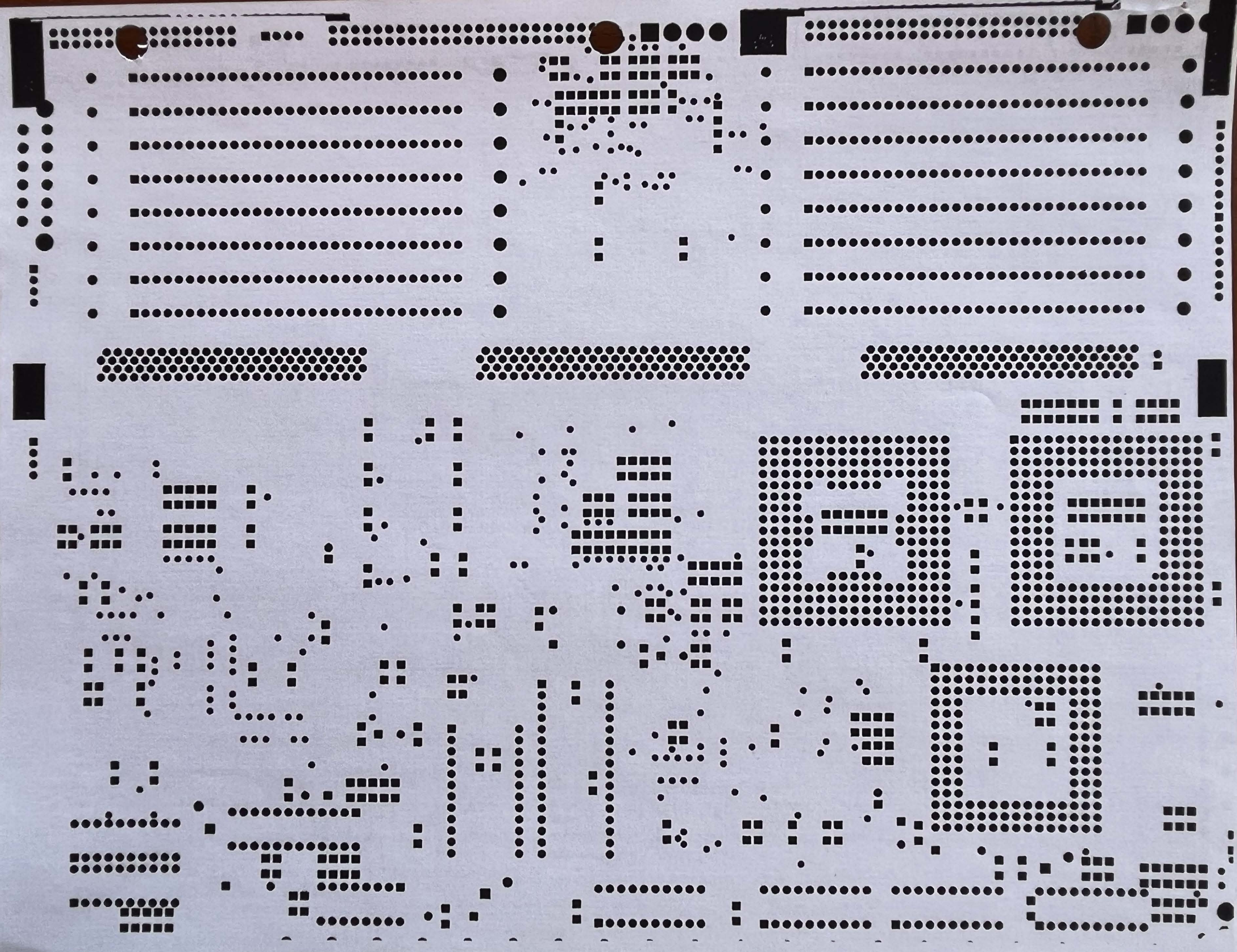
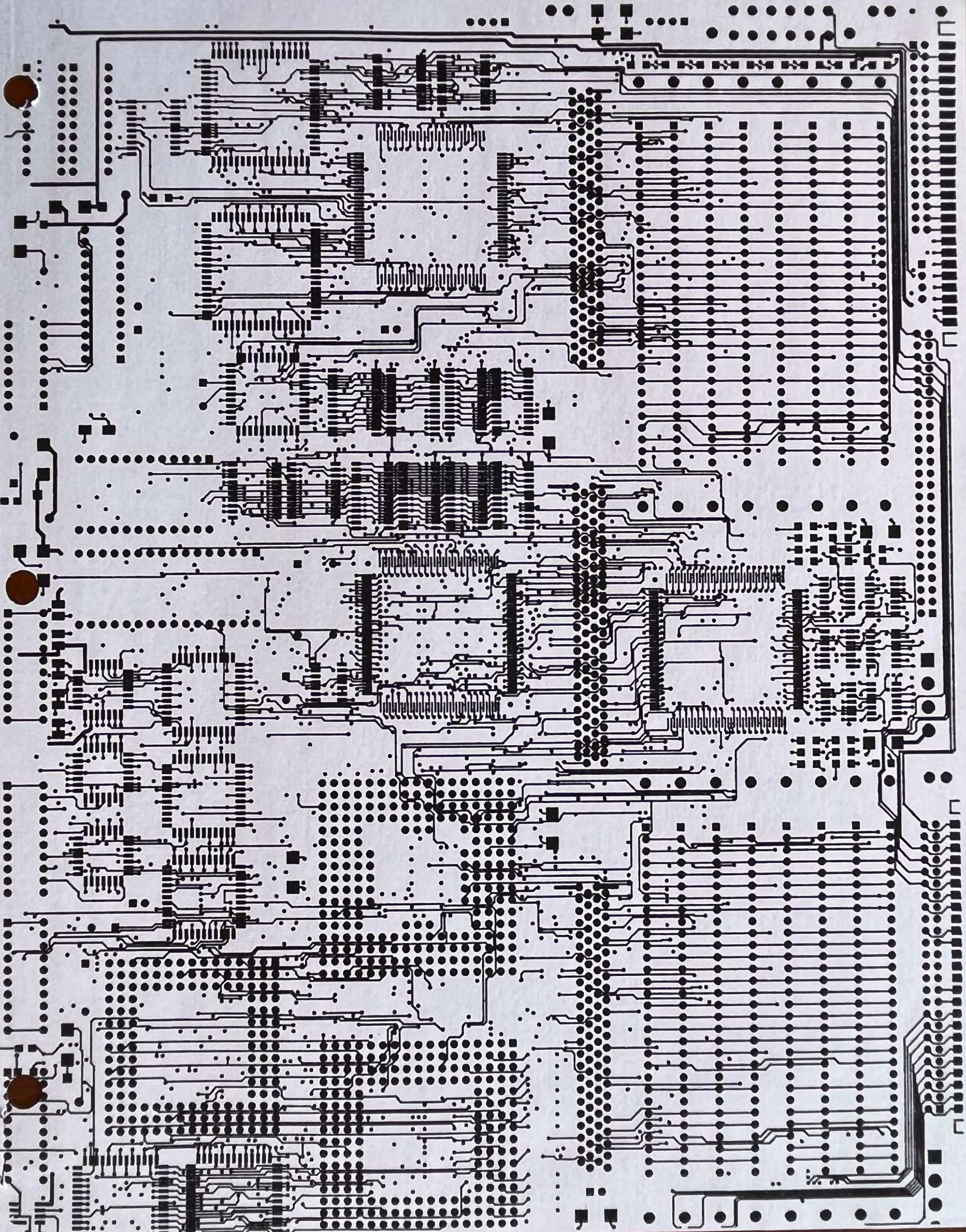
RF1-1

RF1-1

RF2

J0404

TTYA

TTYB

KBD J0504